



KING COUNTY
Department of Natural Resources

Waste Discharge Self-Monitoring Report

Mail or fax to: King County Industrial Waste
130 Nickerson St., Suite 200
Seattle, WA 98109-1658
Phone (206) 263-3000 / FAX (206) 263-3001

Company Name Alaskan Copper Works
Sample Site No. A 4010

Month September 20 00 No. of Employees (per day) Average _____ Maximum _____
Permit/DA No. 7238 All units mg/l unless otherwise noted Industry Type _____

Sample Date (circle)	Sample Type C (composite) or G (grab)	pH		Cadmium, Cd	Chromium, Cr	Copper, Cu	Lead, Pb	Mercury, Hg	Nickel, Ni	Silver, Ag	Zinc, Zn	Cyanide, CN, T	Fats, Oils and Grease (FOG)	Total Toxic Organics (TTO)	Other Parameters	Flow (GPD) Industrial	Notes (Indicate Batch Discharges)		
		Min	Max																
1		11.3	11.4													✓ check maximum	2505		
2		—	—																
3		—	—																
4		—	—																
5		10.9	11.3														2684		
6		11.2	11.4														1890		
7	C	11.4	11.6	.84	.67			.77		.05							2229		
8		11.0	11.3														1989		
9		—	—																
10		—	—																
11		10.4	10.9														1920		
12		11.0	11.3														2918		
13		11.5	11.6														2063		
14	C	11.4	11.6	1.3	.65			1.3		.06							2570		
15		11.4	11.6														2214		
16		—	—																
17		—	—																
18		10.5	11.5												✓	3203			
19		10.8	11.2														2338		
20		10.3	10.9														1916		
21	C	10.4	10.8	1.5	1.2			1.4		.13							1459		
22		10.6	11.4														2408		
23		—	—																
24		—	—																
25		10.9	11.3														2048		
26		10.1	11.2														2463		
27		9.7	10.7														1891		
28		9.5	9.7														2506		
29	C	9.4	9.8	1.0	1.1			1.2		.10							2228		
30		—	—																
31		—	—																
Monthly Minimum		9.4																	
Monthly Maximum		11.6																	
Average		10.3																	
																		Total Monthly Flow (Gallons)	2163

Please circle all permit violations

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. I further certify that all data requiring a laboratory analysis were analyzed by a Washington State Department of Ecology accredited laboratory for each parameter tested.

Signature of Principal Executive or Authorized Agent

Date

10/13/00



KING COUNTY
Department of Natural Resources

Waste Discharge Self-Monitoring Report

Mail or fax to: King County Industrial Waste
130 Nickerson St., Suite 200
Seattle, WA 98109-1658
Phone (206) 263-3000 / **FAX** (206) 263-3001

Company Name ALASKAN Copper Work
Sample Site No. A4009

Month September 2000 No. of Employees (per day) Average _____ Maximum _____
Permit/DA No. 7201 All units mg/l unless otherwise noted Industry Type _____

Sample Date (Circle)	Sample Type C (composite) or G (grab)	pH		Other Parameters	Flow (GPD) Industrial	Notes (Indicate Batch Discharges)
		Min	Max			
1				Cadmium, Cd		
2				Chromium, Cr		
3				Copper, Cu		
4				Lead, Pb		
5				Mercury, Hg		
6				Nickel, Ni		
7				Silver, Ag		
8				Zinc, Zn		
9				Cyanide, CN,A		
10				Cyanide, CN,T		
11				Fats, Oils and Grease (FOG)		
12				Total Toxic Organics (TTO)		
13					<input checked="" type="checkbox"/> check maximum	
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
Monthly Minimum						
Monthly Maximum						
Average						
						Total Monthly Flow (Gallons)

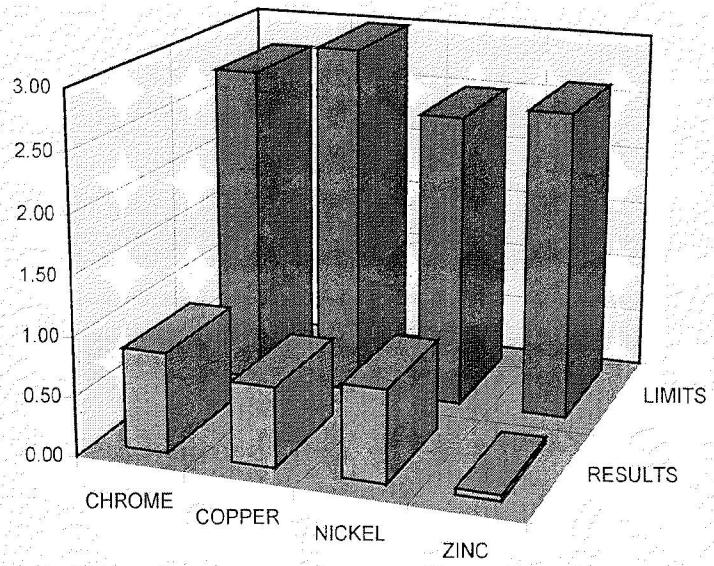
THIS MONTH
 10/15/01

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. I further certify that all data requiring a laboratory analysis were analyzed by a Washington State Department of Ecology accredited laboratory for each parameter tested.

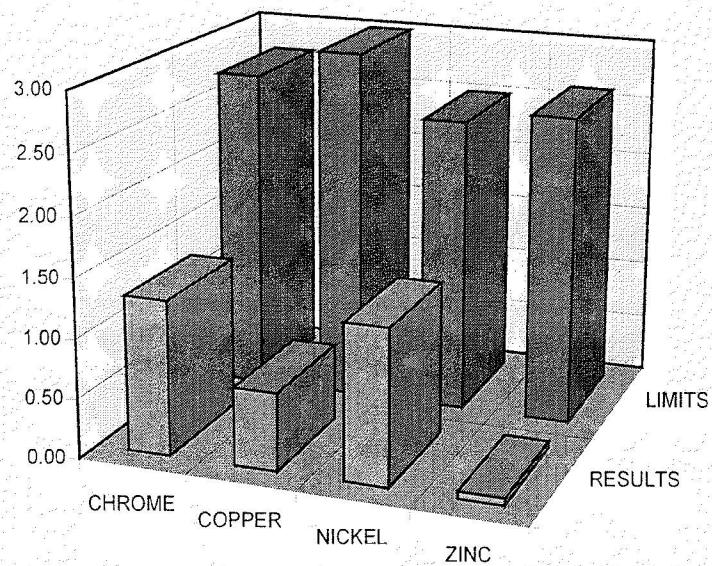
Signature of Principal Executive or Authorized Agent _____ Date _____

Please circle all permit violations

**SEPTEMBER
METRO LIMITS**



ALASKAN COPPER WORKS
3200 FACILITY
SEPTEMBER 7, 2000
COMPOSITE M83031



ALASKAN COPPER WORKS
3200 FACILITY
SEPTEMBER 14, 2000
COMPOSITE M83159

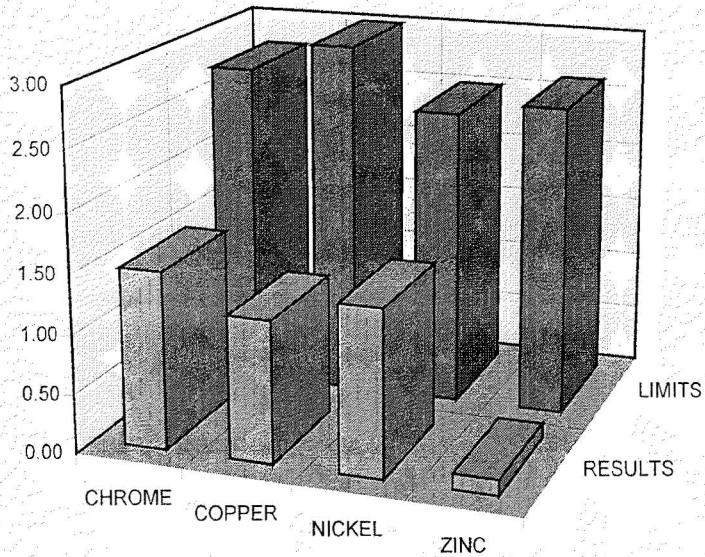
VISUAL REPRESENTATION OF THE LAB RESULTS

	CHROME	COPPER	NICKEL	ZINC
RESULTS	0.84	0.67	0.77	0.05
LIMITS	2.75	3.00	2.50	2.61

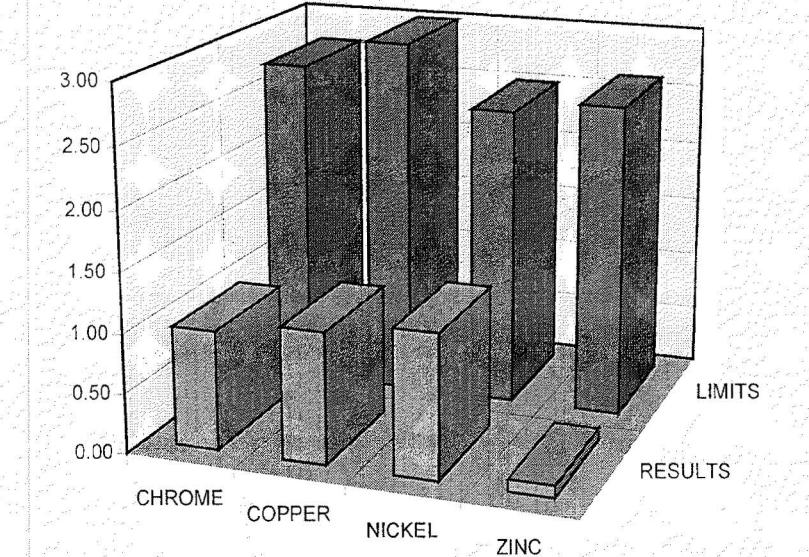
	CHROME	COPPER	NICKEL	ZINC
RESULTS	1.30	0.65	1.30	0.06
LIMITS	2.75	3.00	2.50	2.61

September
Metro
Limits

SEPTEMBER
METRO LIMITS



ALASKAN COPPER WORKS
3200 FACILITY
SEPTEMBER 21, 2000
COMPOSITE M83281



ALASKAN COPPER WORKS
3200 FACILITY
SEPTEMBER 29, 2000
COMPOSITE M83396

VISUAL REPRESENTATION OF THE LAB RESULTS

	CHROME	COPPER	NICKEL	ZINC
RESULTS	1.50	1.20	1.40	0.13
LIMITS	2.75	3.00	2.50	2.61

	CHROME	COPPER	NICKEL	ZINC
RESULTS	1.00	1.10	1.20	0.10
LIMITS	2.75	3.00	2.50	2.61

DAILY LOG

COMMENTS, PROBLEMS, & REMARKS (W/D#)

DAILY LOG

COMMENTS, PROBLEMS, & REMARKS (W/D#)

DAILY LOG

COMMENTS, PROBLEMS, & REMARKS (W/D#)

SUNDAY	SATURDAY	FRIDAY	THURSDAY	WEDNESDAY	TUESDAY	MONDAY	DAY	TIME	CAUSTIC LEVEL	FLOC. LEVEL	PH READING	pH PAPER	FLOWMETER	CYCLES	TEMP F°			REVENTMENT	COMMENTS, PROBLEMS, & REMARKS (W/D#)	
							DATE	DATE	PROCESS MONITOR	OUTPUT MONITOR	PROCESS MONITOR	OUTPUT MONITOR	LARGE TANK	SMALL TANK	OAKITE TANK	LARGE RINSE	LARGE ACID	SMALL TANKS		
8/15	8/14	8/13	8/12	8/11	7 AM	5.2	5	10.53	10.41	/	/	1920	89	121	126	103				Comments: pH reading at 10.53, flowmeter reading 1920, cycles 89, temp 121, small tank 126, oakite tank 103.
					3 PM	4.1	18	10.30	10.74	/	/	1282	31	119	126	126				
					11PM	3.1	14	10.57	10.91	/	/	2473	73	123	125	130				
8/16	8/15	8/14	8/13	8/12	7 AM	2.3	13	11.51	11.00	/	/	2918	104	121	125	130				Comments: pH reading at 11.51, flowmeter reading 2918, cycles 104, temp 121, small tank 125, oakite tank 130.
					3 PM	9.6	10	10.01	11.16	/	/	938	2?	126	121	127				
					11PM	9.1	8	10.03	11.39	/	/	1993	33	118	127	125				
8/17	8/16	8/15	8/14	8/13	7 AM	8.1	8	11.20	11.51	/	/	2063	61	121	120	129				Comments: pH reading at 11.20, flowmeter reading 2063, cycles 61, temp 121, small tank 120, oakite tank 129.
					3 PM	7.5	20	11.54	11.60	/	/	1061	36	127	124	128				
					11PM	6.2	17	9.99	11.64	/	/	2496	78	120	122	127				
8/18	8/17	8/16	8/15	8/14	7 AM	6.0	16	10.77	11.63	/	/	2570	92	121	128	127				Comments: pH reading at 10.77, flowmeter reading 2570, cycles 92, temp 121, small tank 128, oakite tank 127.
					3 PM	5.2	14	9.73	11.47	/	/	1225	37	127	127	126				
					11PM	4.2	13	11.03	11.48	/	/	2214	69	120	123	127				
8/19	8/18	8/17	8/16	8/15	7 AM	3.6	12	11.18	11.46	/	/	2214	100	125	125	126				Comments: pH reading at 11.18, flowmeter reading 2214, cycles 100, temp 125, small tank 125, oakite tank 126.
					3 PM	3.6	9	10.06	11.69	/	/	1180	7	118	120	126				
					11PM	2.6	5	9.99	11.93	/	/	2613	20	R3	R8	R27				

DAILY LOG

COMMENTS, PROBLEMS, & REMARKS (W/D#)

LABOR DAY